



WELCOME
ABOARD
DELTA



Welcome aboard





your Delta flight

Any Questions?

If there's something specific you'd like answered right now before you read through this book, turn to the Table of Contents on the next page. Should it not list the service you want, just push the call button at your fingertips and a well-informed stewardess will furnish the answer . . . with traditional Delta courtesy and friendliness.

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flight information





Deltaliner Service

Another way to say "Hospitality" — It's the people who serve you on Delta that make your trip so delightfully different and so distinctively Delta. Their career is making your flight the most rewarding experience possible. From simple acts of thoughtfulness, to special assistance with an elderly passenger's problems, the Delta ground and air team are characterized by one outstanding quality . . . their friendliness, their attention and their hospitality.



Delta's Royal Jet Service

Delta is among the first of the nation's major airlines to offer DC-8 Jetliner service. Between many cities Delta provides the *only* jet-way. These new giants of the upper skies cruise as much as 200 miles per hour *faster* than the fastest piston planes . . . and are faster by far than any prop-jet plane.

But even more astonishing than their near-sonic speed is their utter lack of vibration. You'll relax more completely than ever in flight. In fact, you'll fly so swiftly, so smoothly and so quietly you will be at your destination before you realize it.

Delta DC-8 Jetliners provide a new dimension in air travel with both Deluxe First Class and Thrifty Supercoach accommodations available on each flight in separate compartments.

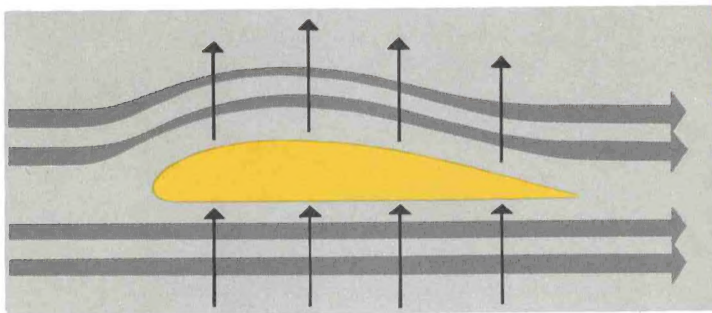
	<i>Cruises at</i>	<i>Passenger Capacity:</i>	<i>Deluxe First Class</i>	<i>Super- coach</i>
DC-8	Almost 600 mph	119	47	72
CV 880	Over 600 mph	84	84



DOUGLAS DC-8



CONVAIR 880

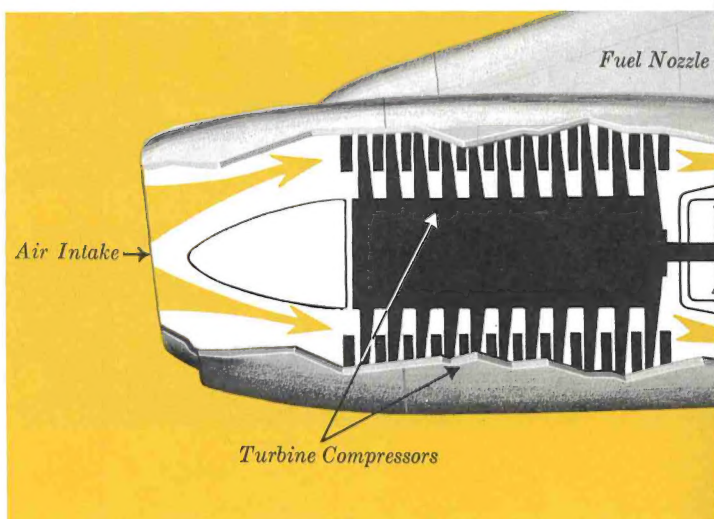


What makes them fly?

In a word — air. As the mighty turbine engines on your Deltaliner gather speed, a fundamental law of physics comes into action. The curved upper surface of the wing forces the air to move faster over it than the air flowing under the straight surface beneath. Thus the air on top becomes *thinner*, has less pressure, and the denser air beneath the wing exerts an upward pressure, creating what engineers call “lift.” It is the perfected design of this streamlined “airfoil” moving at high speeds that keeps you flying. Of course the power of the Pratt & Whitney engines, overall design of the plane, weight, temperature, altitude and other factors also contribute to your mastery over gravity and air space.

How a Jet operates

Very simply, a jet engine sucks in huge quantities of air, compresses it, adds fuel for combustion, ignites it and shoots it out the rear so hard and fast that the Jetliner is thrust forward at near-sonic speed by the reaction. All with a minimum of moving parts and with incredible smoothness.

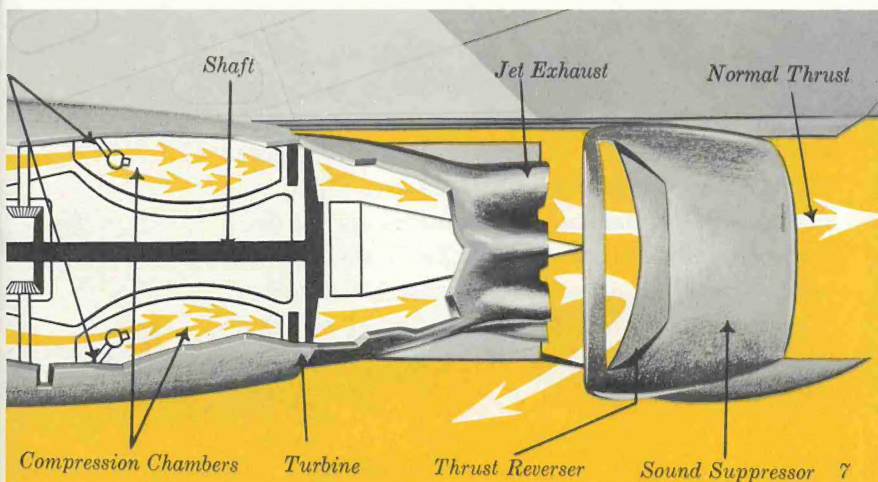


A new kind of tranquility

Effortlessly you are airborne, climbing to the calm, deep-blue air 30,000 feet up where you cruise at near sonic speed. You're high above most weather, with radar to chart the smoothest course whenever needed. You speak in normal tones, suddenly realize all the engine noise you hear is just a faint swish of air . . . and *there is no vibration*. It's peaceful, secure and utterly relaxing, up here in the realm of a Delta jet.



Cutaway of Jet Engine





New sights and sounds in Jet flight

Notice how the wings sweep back at a new graceful angle? This angle decreases air resistance at high speeds and helps your Jetliner to ride the invisible air currents easier. Wings are designed to flex in flight, like your automobile's shock absorbers, to cushion your ride. The slight "thunk" you hear after take-off is the sound of landing gear retracting and locking into place.

Looking back from your window in flight you may sometimes see the familiar "contrails" as wings and engines trigger off a condensation of white vapor in the cool upper air.

How a Jet lands

Design improvements make it no longer necessary to start a slow descent many miles away from your destination. With engines cut back, your Jetliner descends gracefully and at the proper time, flaps and landing gear are lowered to provide even more braking power. Upon landing, the Captain may use *thrust reversers* to shorten landing roll. Two clam-like shells swing around to deflect the exhaust blast forward. This is similar to reversing propellers in a conventional plane.

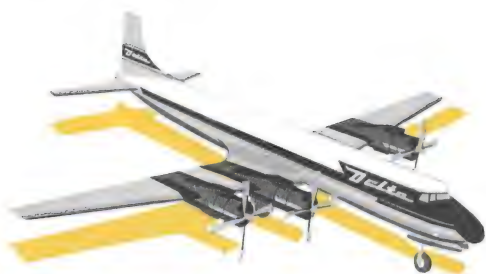


Piston-powered Deltaliners

These sleek, comfortable aircraft are the crowning achievement of the piston-powered flight age. Highly efficient, dependable and versatile, Delta's modern fleet of piston-powered airliners will continue to operate to scores of Delta cities, bringing improved service and expanded schedules to many.

DC-7 DC-7B

These outstanding airliners introduced Delta's highly-acclaimed *Royal Service Flights* and have established a new standard for luxury service aloft. Used in First Class and coach service. . . speed 365 mph.



DC-6

By far the most efficient and dependable airliner in its class, the DC-6 serves throughout the world in every clime. Now available for deluxe and coach service to cities throughout Delta's system. Cruising speed 312 mph.

Convair 440

Swift, smooth and adaptable, Delta's Super Convairs bring the benefits of first-class flight service to scores of smaller and intermediate-size cities. Also used in nightcoach service. Cruising speed 270 mph.



Facts about piston-engine flight

The mighty engines that power your Deltaliner have been developed to the ultimate in precision engineering. They are basically similar to your automobile's engine in that pistons inside the cylinders turn a crank shaft. But instead of a V-8 or an in-line arrangement, these cylinders are arranged in a circle or radial pattern and the crank shaft turns the propeller through reduction gears.

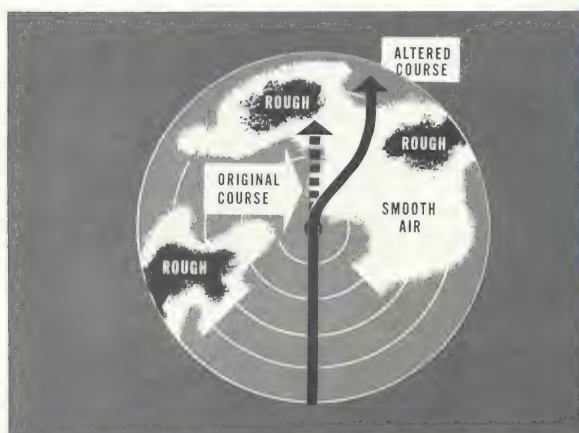
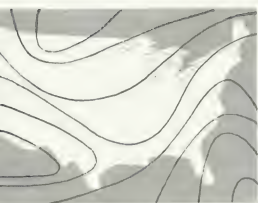
Piston engines burn specifically-refined high-octane aviation gasoline. When starting, it is normal to see a puff or two of white exhaust smoke. At night in flight, you'll see their exhaust gases as blue-white in cruising on a lean fuel mixture, or orange when on rich mixture, as during landing approach.

At take-off time, your captain pauses briefly to "run-up" the engines as a final check before receiving permission from the control tower to take-off. Immediately after take-off and just before landing you may hear a slight thud as the airliner's hydraulic system raises or lowers landing gear and wing flaps. also, at 15-16,000 feet altitude your captain will change the gears of the engine super-charger, like shifting into high in your car, necessitating a momentary reduction of power. Upon landing, he can reverse the angle of the propellers to provide a reverse thrust. You'll hear the engines speed up and feel the deceleration as you slow down.



Preflight planning

Literally hundreds of persons are involved in preparing for your flight. Maintenance men, weather forecasters, communication specialists, flight dispatchers, operations men, menu planners, chefs, government air control staffs and many others. Every detail is double and triple checked by men experienced in handling thousands upon thousands of flights—so your trip will be pleasant and safe. Before take-off your flight crew has “pre-flown” the course you will take on weather charts and selected the smoothest, fastest skyway to your destination—including the use of favorable tail winds and the “Jet Stream” whenever possible. Your captain has full authority to delay the flight if weather conditions or other circumstances do not meet Delta standards.



A “Velvet Ride” thru weather-avoidance radar

Hailed as the greatest advance in passenger comfort since cabin pressurization, the radar on your Deltaliner gives your captain electronic “X-ray eyes” to see up to 150 miles ahead, day or night. Turbulent centers of cloud areas are clearly shown on the radar screen so your captain can easily guide your Deltaliner through the smoothest areas in order to produce Delta’s famed “Velvet Ride”.



Convair 880

Sailing the ocean of air



The air is like a vast sea, with warm and cold air currents flowing to and fro as well as up and down. As your Deltaliner cruises through this "air ocean," you may notice a slight upward or downward motion at lower altitudes. The character of the earth's terrain helps create these currents. Forests . . . mountain ranges . . . bodies of water . . . cities . . . all affect the air and create currents. It has always been thus. It's normal, it's nothing. Just relax and enjoy it as you would an ocean cruise.

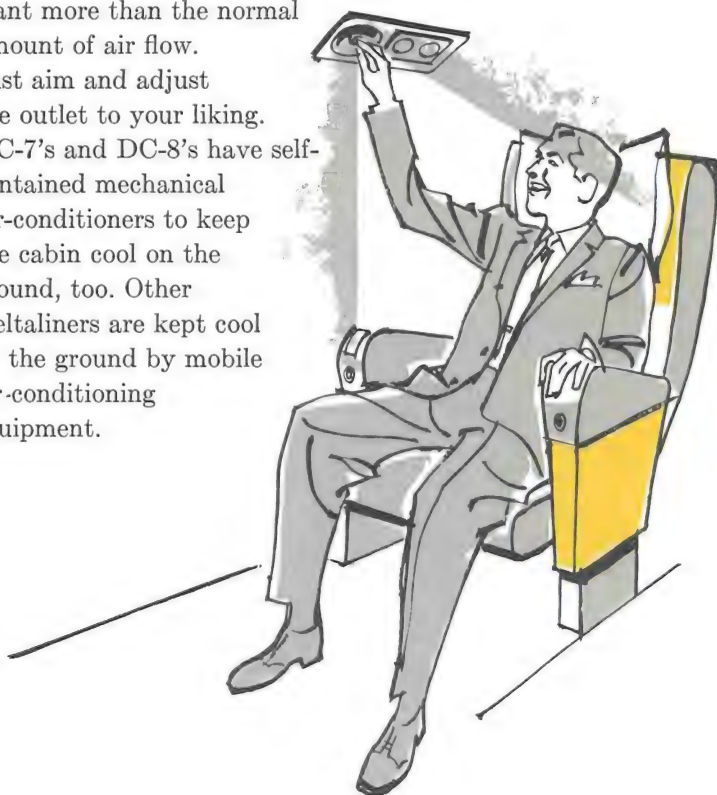
Incidentally, your captain is in frequent radio contact with ground weather stations and always has a clear picture of conditions all along his projected flight path. This information plus radar assures you of the smoothest possible ride.

Cabin air conditioning

Fresh, clean air flows into your cabin constantly while in flight, through main ducts located in the walls. It is kept at the most comfortable temperature automatically. Individual air-vents are also provided at each seat position should you want more than the normal amount of air flow.

Just aim and adjust the outlet to your liking.

DC-7's and DC-8's have self-contained mechanical air-conditioners to keep the cabin cool on the ground, too. Other Deltaliners are kept cool on the ground by mobile air-conditioning equipment.



Cabin pressurization

Your Deltaliner cruises far above sea level, up where the air is thinner and colder than would be comfortable for humans. By *pressurizing* the cabin air to more nearly sea level conditions, Delta makes your flight completely comfortable — actually supplies you with air that is cleaner, fresher and more stimulating than any of us are accustomed to on earth. It's pollen-free, too, perfectly warmed or cooled and changed completely *every 3 minutes*. As an extra precaution, ample supplies of oxygen are available on all Deltaliners for instant use in the remote event they are ever needed.



Strict traffic rules govern your flight

The skyways that link airport to airport are clearly defined . . . and they are always one-way at any specified altitude. No opposing traffic is allowed. Instrument Flight Rule traffic is checked out by Air Route Traffic Control and tracked every moment it is in the air. When visibility is good, Visual Flight Rules apply along the airways.

Flying east and north, all planes cruise at odd-numbered altitudes, (7,000, 9,000, 11,000, etc.). Heading west and south, airliners keep to even-numbered altitudes (6,000, 8,000, 10,000, etc.). In addition, you are always at least 10 minutes flying time apart from any other plane flying at your altitude.

Radio beacons mark the course for your captain, who also has 10 radios for navigation and communication plus a group of related navigation instruments to call on for instantaneous guidance and information at any point of the flight.

Planes sometimes arrive over an airport faster than they can be permitted to land under prevailing weather conditions. In these cases your captain is directed by the control tower to fly a holding pattern at a certain altitude, sometimes called "stacking."

Then each airliner is instructed to land in its rightful turn. It is a standard and routine procedure that has accommodated millions of landings without incident under all weather conditions.

Background of your flight crew

There are no better qualified or more capable Captains, First and Second Officer Pilots, or Stewardesses than those who so proudly wear their Delta Wings. All have met *and continue to meet* the highest physical, mental and moral standards. They never cease studying, they never stop earning their wings, they are in the forefront of their profession. You are in the best of hands when you fly Delta. For your further information, detailed qualifications are presented on the next page.



The new honey-beige jet uniform, worn by stewardesses on Royal Jet Service, was designed by Edith Head, Fashion Chief at Paramount Pictures, Hollywood. Miss Head is the winner of 6 Oscars for her fashions and is the author of the best-seller "The Dress Doctor."



What it takes to be a Delta Captain

There are three fully-qualified pilots on every 4-engine Deltaliner, be it piston, or jet. Two pilots on twin-engine airliners. The Captain has flown a minimum of *two million miles*. He, as well as all other officers, must not only pass strict initial examinations but is re-checked every 6 months.

He's got to be good before he can apply. He must possess FAA-issued certificates which certify him to be a commercial and instrument pilot. Passing U. S. Government flight checks, plus medical, written and oral examinations, is only the beginning. He must then pass Delta's own strict examinations.

Then comes a period of several years in Second and First Officer status, under the direct supervision of a seasoned Delta full Captain. During this time, he must pass periodic stringent physical tests, flight tests and extensive written examinations. A Captain-candidate usually completes 7 years of flying for Delta before he wins his four gold stripes.

His training never ends. Strict physicals and instrument flying checks every 6 months . . . schooling in every new procedure, regulation change and new equipment. Delta believes that good pilots are mature men who shun sensational or daring deeds, but by relentless study and care, day in and day out, make scheduled commercial airline flying one of the safest forms of transportation.

cabin services



Meet your stewardesses

These fine young ladies are very special indeed. They are selected on an individual basis from hundreds of applicants each year. In addition to the qualifications mentioned below, each must have that intangible quality often referred to as "A way with people." Capable, sincere, friendly, well-poised . . . that's a Delta Stewardess.



Stewardesses have their own school. There's so much to learn before these young ladies even board a Deltaliner, they spend four weeks with pay at Delta's Stewardess School in Atlanta. Here they learn the 1,001 things necessary for your comfort, convenience and protection while aloft. It's a tough and challenging course and the girls who finish it have really earned the right to wear the wings and uniform of a Delta Stewardess.

Qualifications necessary. Applicants must be 20 thru 26 years of age, between 5'2" and 5'7", weight in proportion but not over 130 lbs., never married and in radiant good health. Applicants with two years of college or business experience dealing with the public are preferred. Qualified young women can contact the Base Stewardess Supervisor in cities Delta serves, or write to Employment Manager, Delta Air Lines, General Offices, Atlanta Airport, Atlanta, Georgia.



Delicious meals

One taste tells you, the folks who prepare the meals served on Deltaliners must love their work. Carefully selected catering services in key cities prepare each meal, under Delta's direction. Meals are rushed on board each flight just before take-off. Special flight-ovens keep hot foods really hot to the moment of serving. Crisp cold salads, beverages, desserts, each is perfectly protected 'til it appears before your eyes.

Never a tab, never a tip. Yes, you breakfast, lunch or dine as Delta's guest on all deluxe and daycoach flights at regular meal-times. And please don't offer tips to the stewardess; they will be declined. It's her pleasure to serve you in the Delta tradition.





Typical complimentary meals

(menus vary from day to day)

Deluxe Royal Service Flights — Complimentary champagne is served before and during dinner: Gulf Shrimp Cocktail — Deluxe Salad, special dressing — Choice of Entrée: Tenderloin Steak to order, Rock Cornish Hen, or Seafood on appropriate days — Potato Cheddar — Blue Lake Green Beans — Hot dinner rolls and butter — Individual Fruit Pie — Coffee, Tea, or Milk. Beverage service is offered at modest cost.

Regular First-class Flights — Tenderloin Steak, Roast Turkey with dressing, or Breast of Young Hen — Potato — Vegetable — Salad — Roll and Butter — Relishes — Individual Pie — Coffee, Tea or Milk.

Royal Scot Daycoach Flights — Hot Roast Beef — Potato — Vegetable — Salad — Roll and Butter — Fruit Cobbler — Coffee, Tea or Milk.

Certain flights may offer deluxe snack service, a complete hot breakfast, or during summer, a tempting Ice-cold Luncheon Plate. Baby Boxes or special-diet meals are available when requested a day or two before departure. Flying Scot daycoaches feature delicious box lunches, compliments of Delta.

Reading, writing and relaxing

Many people consider this opportunity to read in relaxed surroundings the most pleasant part of their trip. You are out of reach of annoying interruptions, so just lean back comfortably and enjoy yourself. The stewardess will bring you a selection of current magazines . . . or perhaps you'd like to use the Delta Writing Kit for a note. Just ask and it's yours.

Cat nap anyone? Don't hesitate to slip off your shoes if you're so inclined and recline 'way back for a restful snooze while you cruise . . . you won't be in the way of the person behind you. Delta seats have built-in politeness. But at mealtimes and arrivals it would be thoughtful to keep your seat upright to give extra room to those behind you.



For your baby's comfort

Children of all ages love flying — and it's by far the most pleasant way to travel. The trip's over before they have time to become bored or fretful. Sometimes the sensitive ears of young babies become uncomfortable during changes in altitude. A swallow of milk or water will quickly relieve the pressure. Count on your stewardess to warm bottles for you (but naturally she can't furnish the special formula prescribed by your pediatrician). You can understand that other duties will prevent her from feeding or holding your infant or changing it for you.

For your convenience

Smoking areas — Cigarette smoking is acceptable to most everyone today, and you may smoke cigarettes anywhere in the cabin except when the “No Smoking” sign is on during take-offs and landings. Cigar and pipe smoking is objectionable to many passengers and it is requested that you refrain from these pleasures except in the lounge on the DC-8 and DC-7. On dual-class flights where the lounge is located in the first-class section, it is necessarily restricted to passengers holding first-class tickets.

Sending Telegrams — Western Union blanks are available from your stewardess and she will be glad to dispatch your wire at the first point of landing. Your message may be sent collect or charged to your home or business address.



Blankets and pillows — A Delta flight is quite conducive to snoozing. Your stewardess will offer you a downy-soft pillow — two if you wish — and should you feel like a real long snooze, ask for a warm lightweight blanket. You can flick off your reading light and turn off your individual fresh air vent as you choose.

“Fasten Seat Belts” — Passengers sometimes wonder why we’re so fussy about seat belts when Delta take-offs and landings are usually so smooth you don’t notice them. But the belt is to remind you to be seated . . . while the plane is gathering speed for take-off . . . and on landing, when reverse propellers or powerful brakes slow the plane down rapidly . . . or when the plane occasionally flies through bumpy air.

Seat Occupied — If you get off at stops enroute, your stewardess will place a “Seat Occupied” card on your seat to reserve it for you. Notify her if you wish to change seats and she will arrange it if a vacant one is available.

travel planning



Baggage handling

When you checked in at the airport, your baggage was clearly tagged and marked for your destination. Even though you transfer to another plane enroute or to another airline, your baggage will meet you at your ultimate destination. Delta baggage handlers are reliable, trained men who do everything possible to speed your bags, in top condition, to the claim counter. Delta is constantly studying new ways and means of improving baggage handling even more.



Reconfirmation—"No Shows"

Some travellers, who hold reservations, decide suddenly not to use them, but fail to notify the airline that they wish to cancel. These are called "No Shows" and they deprive other persons, who may urgently need a seat, of the chance to fly.

For this reason, leading scheduled airlines have adopted a uniform reconfirmation procedure. This simply means that you notify the airline, at the city where you will board your continuing or return flight, that you intend to use your reservation. Do this on arrival or at your earliest convenience after arrival. Be sure to reconfirm by the required time. Failure to do so will result in the cancellation of your complete reservation even though you hold a ticket.

Delta Dream Vacations

Fill Every Dream — fit any budget. Delta offers a score of fabulous Dream Vacations from a palace on Miami Beach, or a luxury hotel in the heart of Manhattan to the ultramodern accommodations on a Caribbean island paradise. Each vacation is literally tailored to your pleasure, with optional features available to suit your taste, your time and your pocketbook.

Basic features of each vacation are superior transportation at minimum cost and positive reservations at a carefully selected hotel whose management is famous for its hospitality and cooperation with Delta. Sightseeing is included in most vacations. To this, Delta adds limousine transfers between airport and hotel . . . and the reassurance that a Delta representative is always nearby to assist you when needed.

Typical costs quoted below are per person, two to a double hotel room with bath.

Miami Beach	6 nights	\$21.50 plus airfare
New York	2 nights	\$16.40 plus airfare
Havana	4 nights	\$34.70 plus airfare

Sightseeing tours, rental cars, and meals at very attractive rates may be included with many Dream Vacations upon request.

*Ask for Free Brochure
giving full details
on these and many
other Delta
Dream Vacations.*



Business Incentive Plans

The use of vacation travel as a reward for extra efforts by salesmen or others in a business organization is recognized as one of the most powerful incentives available to modern management. Delta has handled travel incentive plans for many of the nation's largest corporations. Contact your local Delta Sales Office or write Sales Promotion Manager, Delta Air Lines, General Offices, Atlanta Airport, Atlanta, Georgia.

Conventions

When your organization plans a convention, Delta is prepared to offer you "PCS"—Personalized Convention Service. Delta relieves you of concern regarding transportation of groups and individuals . . . helps stimulate attendance through films, publicity, personal and telephone calls . . . and assures all members of top-flight efficient travel service. For "PCS" call your local Delta Sales Office or write Supervisor of Convention Sales, Delta Air Lines, General Offices, Atlanta Airport, Atlanta, Georgia.



"Charge it" Air Travel Plan

You can fly anywhere, any time, and just "Charge it" with your Delta Universal Air Travel Plan card. It is honored by all major airlines in the world and is accepted as a personal credit reference by most hotels, rental car companies, restaurants and clubs throughout the country. Easy and simple to arrange, your Air Travel Card provides accurate records of travel expense, saves time, avoids carrying large amounts of cash and gives you tighter control over expense accounts. Available to individuals or businesses making \$425 deposit (returnable). Contact your local Delta Sales Office or write Sales Promotion Manager, Delta Air Lines, Atlanta Airport, Atlanta, Georgia.



Rent-a-car services

Why punish yourself by driving hundreds and thousands of miles along tiresome highways just to have the convenience of a car at your destination? Let Delta fly you over the long stretches and have a new rental car meet you at the airport or your hotel. It's ideal for business and vacation trips because you arrive feeling refreshed and ready for work or fun . . . and returning home you feel 100% better for NOT having driven those long dreary miles back. Delta will arrange for a rental car from any company you choose. The cost is surprisingly low. Just mention it when you make your reservation.

Flying Delta and driving a rental car is a winning combination used by many successful businessmen, salesmen and satisfied vacationers. It can help *you* get more profit out of work and more fun out of life.





Delta Air Cargo

Every Delta flight serving cities throughout the U. S. and the Caribbean carries Air Freight, Express and Air Parcel Post. In addition, Delta maintains a fleet of *all-cargo* Airfreighters to serve the main cargo routes. Shipments in general from 25 pounds upwards are suitable for Airfreight. There's no crating, no waiting . . . next-day delivery is the rule and the total cost is usually less than by surface means, because Delta eliminates the many "hidden costs" that make the expense of surface shipping more than you think. For door-to-door service, specify Delta Air Freight, the most complete air freight service to and thru the South.

Fly Now—Pay Later Plan

Yes, fly anywhere, anytime . . . nation-wide or world-wide. You need pay only 10% down, can take up to 20 months to pay the balance. You can use any type of Delta service, include connecting flights, even use it for vacation trips and include cost of hotels, meals, sightseeing and other prearranged activities. One visit to a Delta office or authorized travel agent takes care of everything . . . application, reservation, itinerary . . . you just have fun. It's modern, convenient and the sensible approach to travel credit.



Delta looks to the future

Since its first passenger flight in June 1929, Delta has traditionally pioneered with the most advanced aircraft in the areas it serves. As the Jet Age comes into being, this foresight becomes more significant than ever. Lead time on the purchase of today's Jetliners, for example, was three years ahead of actual delivery. Now, as Delta progressively adds the newest, most advanced jetliners to its fleet and route pattern, what does the future hold for the traveller?

Everyone will have a longer reach — for business or pleasure. The commercial horizon will be broadened for sales and services. Faraway places that seemed possible only with a week's holiday will come within the range of a week-end. And while jets cannot render local service, improved connections from smaller cities to jet terminals will benefit inter-urban residents as well.

Truly a new dimension in *living*, in *working*, in *thinking* is upon us. Look up . . . to the realm of the Jet . . . to a broader, richer, more meaningful life . . . and look to Delta to provide the finest, fastest, most advanced air transportation in this wonderful new world.

29



GENERAL OFFICES: ATLANTA AIRPORT
ATLANTA, GEORGIA

ONE OF AMERICA'S PIONEER SCHEDULED AIRLINES

WELCOME
ABOARD
DELTA

